

MONUMENT RECORD

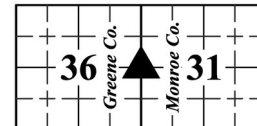
Corner ID: **InCr_A23**

Quarter Corner

Common to Section 31-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana and

Section 36-T07N-R03W, 2nd P.M., Center Township, Greene County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P270**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	8"	S 42° W	7.9'
Sugar	8"	N 2° W	10.6'

Notes: **Common Corner**

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **2/26/1878** By: **W.Clogston**

Where filed or recorded: **Greene County LSB 3, pg 066**

Original monument: **Set Stone**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
W.Oak	24"	S 6° E	34.3'
Beech	12"	N 21° W	18.2'

Notes: **Re-Established E1/4 Section 36-T7N-R3W**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/24/2022** By: **RSO & PMO** Monument Found: **No** BTs or Reference Objects

Found: **None** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Dustin Ballard showed a calculated location for this corner on his 2011 Route Survey for I-69 Section 4, Segment 5 recorded as Greene County Instrument Number 2011-0923. Ballard calculated the corner at the midpoint between the stone at TwpCor_I and the rebar at InCr_A21.

PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

5/8" rebar with 2" aluminum cap set 0.2 feet above grade. The cap is stamped "MONROE COUNTY SURVEYOR W ¼ + S 31 21100022".

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location - note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The corner is on a wooded hillside approximately 1300 feet southwest of the house at 9725 Thacker Road and 22.5 feet east of the remains of a north to south wire fence.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

Greene County Surveyor W. Clogston set a stone at this corner in 1878. No trace was found of the stone or its accessories. In 1996, Lee Utt surveyed a 419.92 acre tract in Section 31. Through the course of the 1996 survey, Utt found the stone at the SW corner of Section 31, set rebars at the NW, SE, S/4, E/4, CN/16, NE/16,

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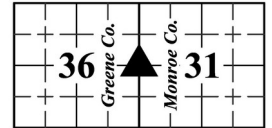
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CE/16, and S/16 corners of Section 31, and calculated the NE, W/4, and C/4 corners of Section 31. We reestablished this corner based on ties to the Lee Utt survey. More specifically, this corner was established at the intersection of the west line of Section 31 beginning at the Oser rebar found at the Northwest corner (InCr_A21) and the stone found at the Southwest corner (TwpCor_I) with the east/west half section line beginning at a rebar with Utt cap found at the CE 1/16 corner of Section 31 (InCr_D23) and a rebar with Utt cap (#10286) found 99.94 feet westerly of the Center ¼ corner of Section 31 (InCr_C23). This position is 0.67 feet south of the midpoint between the Northwest and Southwest corners of Section 31 and 0.69 feet north of the proportional location of the corner based on record distances from the 1878 Clogston survey.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: ***Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument set at this corner relates to the original location. Therefore, the uncertainty cannot be determined.***
- Discrepancies in the Documents: ***0.7 feet.***
- Inconsistencies in the lines of Occupation: ***22.5 feet.***
- Theoretical Uncertainty (Random Errors in Measurement): ***The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.***

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A steel t-post was set 0.25 feet east of the rebar with a yellow Monroe County "PROTECT NEARBY SURVEY MARKER" sign attached 3 feet above grade.

GEODETIC COORDINATES: Northing: ***1366663.90'***, Easting: ***3066738.90'***

BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. ***The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.***

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied

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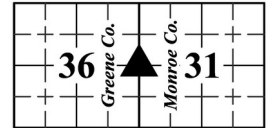
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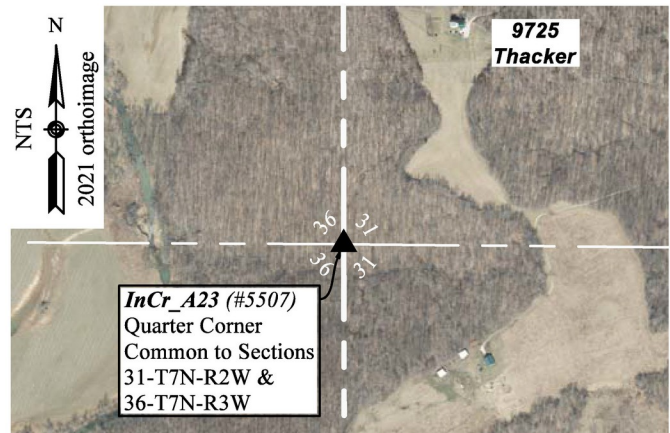
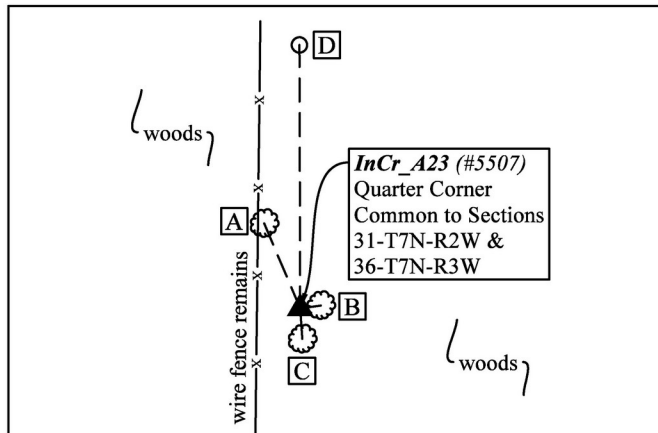


to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	N 23° W	47.9'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 8" above grade on the east side of an 18" dbh white oak in north/south wire fence remains
B	N 82° E	10.8'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 6" above grade on the south side of a 7" dbh tulip poplar
C	S 4° E	15.9'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 8" above grade on the east side of a 13" dbh beech
D #102 90	N 0°9'19" W	136.87 '	5/8" rebar with yellow plastic cap stamped "UTT S-0089" found 6" above grade at the southwest corner of Lot 1 in Kirkley Subdivision recorded as Instrument Number 820110 and filed in Plat Cabinet C, envelope 254

Notes: **Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Witness D was located with RTK.**

MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.



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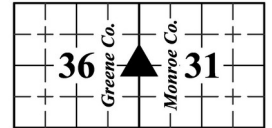


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County "PROTECT NEARBY SURVEY MARKER" sign. Provide photo orientation and date. Additional photos may be included by clicking the "+" button at the end of the horizontal line.

Photo Date: **3/24/2022**



Photo Orientation & Description: **Stamped cap at A23**



Photo Orientation & Description: **Looking east at A23**

FIELD PERSONNEL:

Field Date: **3/24/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **45** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.:

21100022

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:



Seal:

This document is not complete without the

OFFICE USE ONLY

NOTICE TO PROCEED AND MONUMENT RECORD FORM ISSUED TO:			
Offeror Name:	Rachel Savich Oser	Firm Name:	Oser Surveying & Mapping LLC
Phone:	812-320-2694	Email:	Rachel@OserSurveying.com
Corner Classification:	Perpetuated	Corner Coordinate Status:	Survey Grade

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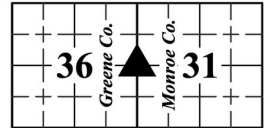
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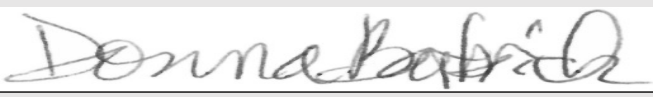

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Issue Date: 2/23/2022	Form Due Date: 3/31/2022	Form Receipt Date: 7/27/2022
Recorded Instrument Number of Associated Corner Perpetuation Survey: 2022010375.IN		

COUNTY SURVEYOR APPROVAL:		Seal:
<input checked="" type="checkbox"/> Yes, Signature: 	Date: 9/27/2022	
<input type="checkbox"/> No, reasons for denial		

SURVEYOR REVIEW BOARD APPROVAL:		Seal:
<input checked="" type="checkbox"/> Yes, Signature: 	Date: 9/27/2022	
<input type="checkbox"/> No, reasons for denial		